

Message Text

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PAGE 01 IAEA V 03517 010137Z

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SUBJECT: IAEA ADVISORY GROUP MEETING ON EFFECTS OF STERILIZING
RADIATION DOSES ON TISSUE GRAFTS, ATHENS, GREECE, SEPTEMBER
27-OCTOBER 1, 1976

1. MISSION HAS RECEIVED AGENCY LETTERS TO DR. E. A. BALAZS, BOSTON INSTITUTE FOR BIOMEDICAL RESEARCH, DR. G. W. HYATT, U.S. NAVAL TISSUE BANK, BETHESDA, MARYLAND, DR. J. B. CAMPBELL, MILBANK RESEARCH LABORATORIES, NEW YORK CITY, AND DR. K. A. WRIGHT, MIT, NOTING AGENCY'S PROGRAM ACTIVITIES ON DEVELOPMENT AND PROMOTION OF APPLICATIONS OF IONIZING RADIATION FOR STERILIZATION OF MEDICAL SUPPLIES AND OF TISSUE GRAFTS, AS WELL AS OTHER BIOLOGICAL PREPARATES FOR CLINICAL USES. ALTHOUGH CONSIDERABLE PROGRESS HAS BEEN MADE IN LATTER FIELD OF CLINICAL APPLICATION, THERE ARE STILL MAJOR PROBLEMS RELATING TO INDUCED PHYSICAL, CHEMICAL AND IMMUNOLOGICAL ALTERATIONS IN COMPOENTS OF TISSUE GRAFTS AND OTHER MEDICAL SUPPLIES OF BIOLOGICAL ORIGIN. MANY SUCH PROBLEMS RELATE TO GRAFT-INDUCED IMMUNE RESPONSE OF HOST AND ASSOCIATED INFLAMMATORY REACTIONS. POSSIBLE SOLUTION TO THESE PROBLEMS MAY BE FACILITATED THROUGH BETTER UNDERSTANDING OF EFFECTS OF STERILIZING RADIATION DOSE AND RELEVANT PROCESSING STEPS ON TISSUE COMPOENTS

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PAGE 02 IAEA V 03517 010137Z

AS WELL AS MODES OF THEIR PREVENTION/MODIFICATION.

2. IN ORDER TO FACILITATE CRITICAL REVIEW OF CURRENT STATUS OF RELEVANT RESEARCH IN THIS FIELD, AGENCY WILL ORGANIZE SUBJECT MEETING IN ATHENS. PARTICIPATING EXPERTS WILL ALSO BE REQUESTED TO IDENTIFY AREAS WHERE FURTHER RESEARCH AND DEVELOPMENTAL ACTIVITIES ARE NEEDED AND TO MAKE RECOMMENDATIONS TO AGENCY FOR APPROPRIATE PROGRAM ACTIVITIES.

3. LETTERS NOTE INTEREST OF ADDRESSEES IN THIS FIELD, AND SEEK THEIR TECHNICAL COMMENTS AND ADVICE ON TOPICS TO BE INCLUDED IN PROGRAM AND DISCUSSIONS AND SUGGESTIONS FOR SPEAKERS (INCLUDING ADDRESSEES) CONSIDERED APPROPRIATE FOR SPECIFIC TOPICS. AGENCY (MUKHERJEE) WOULD APPRECIATE RESPONSE AS SOON AS POSSIBLE TO ASSIST IN ORGANIZATION OF MEETING.

4. FYI. ALTHOUGH NOT RPT NOT STATED IN LETTER, AGENCY PRACTICE IS TO PAY TRAVEL AND PER DIEM COSTS FOR PARTICIPATION IN ADVISORY GROUP MEETINGS. SCIENTISTS TO BE INVITED EVENTUALLY BY AGENCY TO ATTEND THIS MEETING WILL DEPEND TO LARGE EXTENT ON RESPONSES RECEIVED TO THESE LETTERS. SIMILAR LETTERS SENT TO LEADING EXPERTS IN OTHER COUNTRIES. END FYI.

5. AGENCY LETTERS POUCHED AMMONS/ERDA FOR FORWARDING.STONE

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